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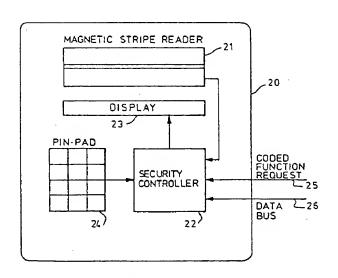
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- Inventor: Smith, Peter Rigby1 CarpentersAlresford Hampshire(GB)
- Representative: Appleton, John Edward iBM United Kingdom Limited Intellectual Property Department Hursley Park Winchester Hampshire SO21 2JN(GB)
- Security module for an electronic funds transfer system.
- ② A security module for use in an electronic funds transfer terminal is contained in a tamper-resistant housing. The module has a PIN pad and is designed to encrypt secret data, such as users personal identity numbers (PINs), so that other terminal processes cannot gain access to it. The encryption functions are carried out in a security controller which includes its own microprocessor and encryption/decryption unit.



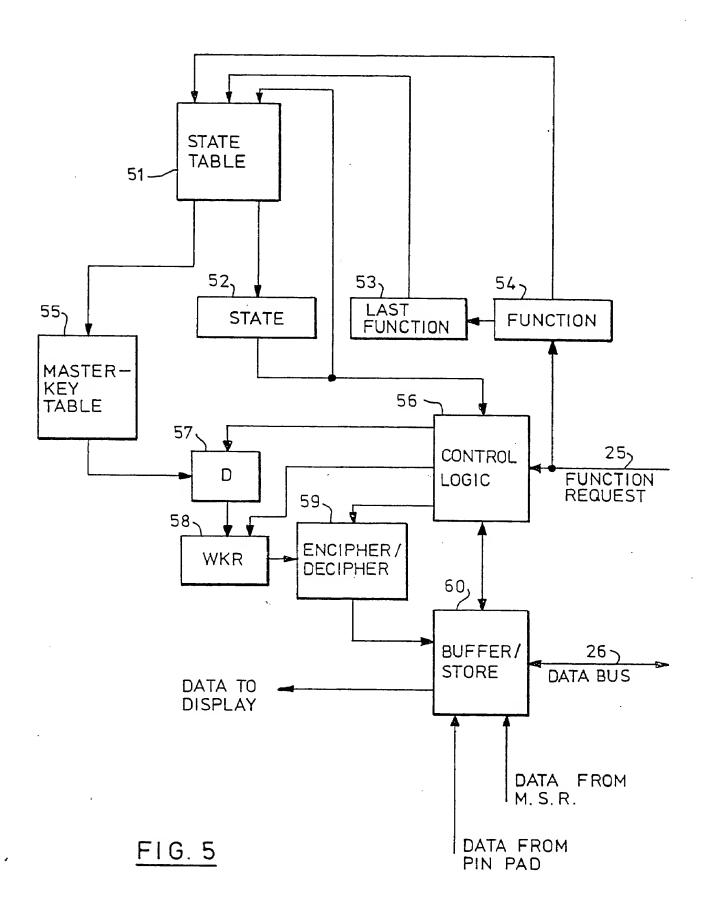
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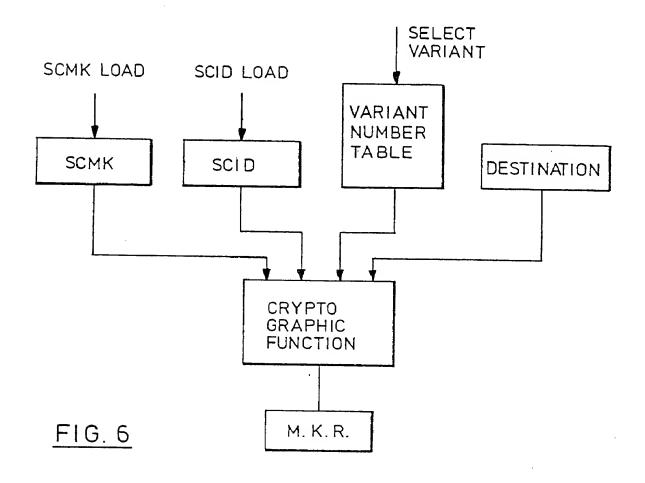
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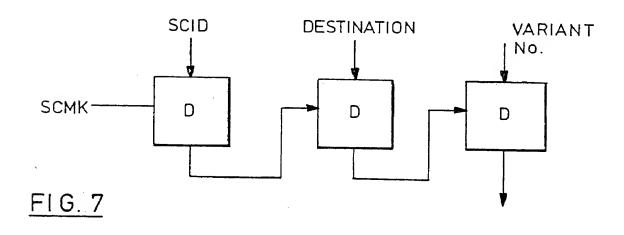


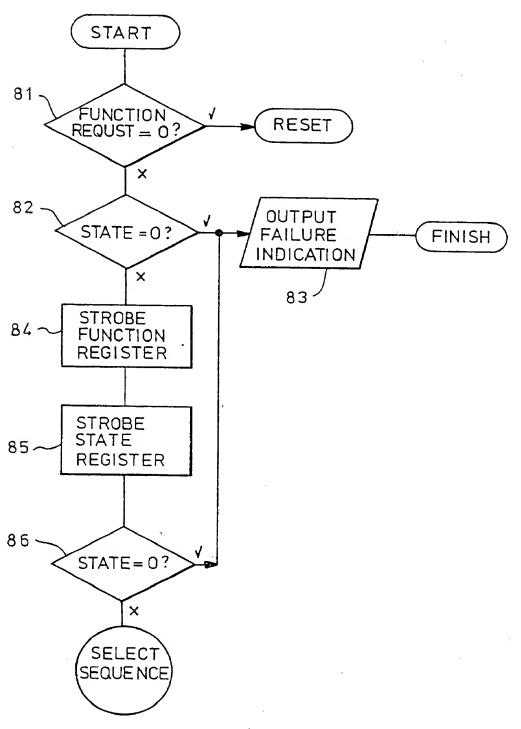
EUROPEAN SEARCH REPORT

DOCUMENTS CONSIDERED TO BE RELEVANT				EP 85308823.5	
ategory		nindication, where appropri ate, ant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)	
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				TECHNICAL FIELDS SEARCHED (Int. CI 4)	
	The present search report has to				
Place of search VIENNA		Date of completion of the set 08-08-1988	ren	Examiner BEHMER	
Y pa do A tec O no	CATEGORY OF CITED DOCU rticularly relevant if taken alone rticularly relevant if combined w cument of the same category chnological background n-written disclosure ermediate document	JMENTS T: theor E: earlie after ith another D: docu	r patent documen the filing date ment cited in the a ment cited for oth	erlying the invention it, but published on, or application	









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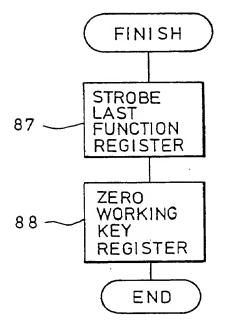


FIG. 9

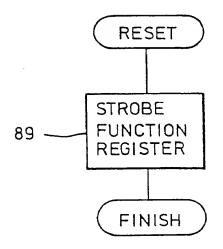


FIG. 10

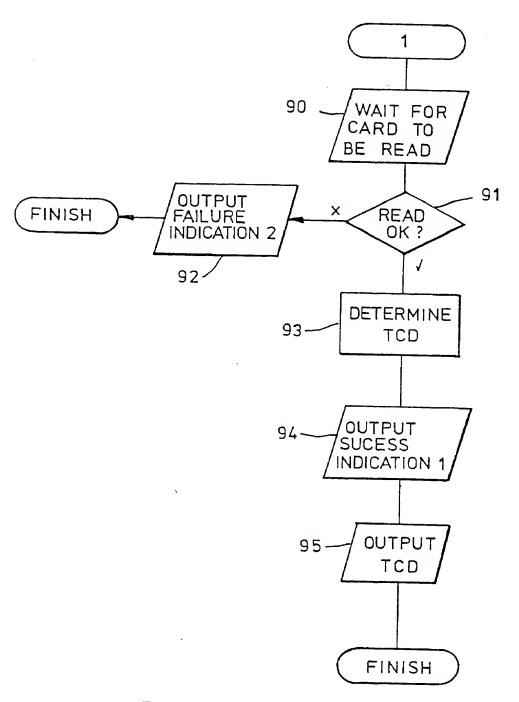


FIG. 11